

CLAIMS

We claim:

- 5     1. A method for indicating the location of time dependent video hypervideo hyperlinks to a user, comprising the steps of:

displaying a video presentation on at least a portion of a display device screen,  
said video presentation including a hypervideo hyperlink emphasis region; and

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providing the user, at time of viewing, with at least one user selectable display attribute for said hypervideo hyperlink emphasis region.

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2. The method of claim 1 wherein at least one of said user selectable display attribute comprises a least one of surrounding said hypervideo hyperlink emphasis region with a visible border, brightening the hypervideo hyperlink emphasis region in relation to other portions of said hypervideo, displaying said hypervideo hyperlink emphasis region in gray scale only format, and displaying said hypervideo hyperlink emphasis region in reverse-color mode format.

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3. The method of claim 1 further comprising the step of displaying to the user, at the time of viewing, an options menu listing said at least one user selectable display attributes, wherein said displaying of said options menu is selectively controlled by the user.

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4. The method of claim 3 wherein the user selectively controls the displaying of said options menu by positioning a user-controlled cursor in a specified emphasis region of said display device screen.

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5. The method of claim 1 further comprising the steps of:

opening a hypervideo data file;

decoding a video file associated with said hypervideo data file; and

5 encoding the decoded video file with a hypervideo hyperlink emphasis region in at least one key frame.

6. A hypervideo player system for indicating hypervideo hyperlinks to a user, comprising:

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a display processor for processing a hypervideo, said hypervideo comprising video and hypervideo hyperlink data, including at least one hypervideo hyperlink emphasis region, encoded therein, and said processing comprises determining the display location of said at least one hypervideo hyperlink emphasis region;

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a user interface for enabling a user of said hypervideo display system to selectively activate, at the time of viewing, at least one user selectable display attribute for said hypervideo hyperlink emphasis region; and

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a display device for displaying said processed hypervideo.

7. The hypervideo display system of claim 6 wherein at least one of said user selectable display attribute comprises surrounding said hypervideo hyperlink emphasis region with a visible border, brightening the hypervideo hyperlink emphasis region in relation to other portions of said hypervideo, displaying said hypervideo hyperlink emphasis region in gray scale only format, and displaying said hypervideo hyperlink emphasis region in reverse-color mode format.

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8. The hypervideo display system of claim 6 wherein said display processor further processes said hypervideo to provide the user, at the time of viewing, an options menu listing at least one of said at least one user selectable display attribute.

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9. The hypervideo display system of claim 8 wherein the user selectively controls the displaying of said options menu by positioning a user-controlled cursor in a specified emphasis region of said display device.

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10. The hypervideo display system of claim 6 wherein said processing of said hypervideo by said display processor further comprises opening a hypervideo data file, decoding a video file associated with said hypervideo data file and encoding said decoded video file with said hypervideo hyperlink emphasis region in at least one key frame.

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11. A method for indicating the location of time dependent hypervideo hyperlink emphasis region to a user, comprising the steps of:

displaying a video presentation on at least a portion of a display device screen,  
said video presentation including a hypervideo hyperlink emphasis region;  
and

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providing the user, at time of viewing said video presentation, the option of  
selectively viewing said hypervideo hyperlink emphasis region or not viewing  
said hypervideo hyperlink emphasis region.

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12. The method of claim 11 further comprising the step of providing the user, at time of viewing, with at least one user selectable display attribute for said hypervideo hyperlink emphasis region.

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13. The method of claim 12 wherein at least one of said user selectable display attribute comprises at least one of surrounding said hypervideo hyperlink emphasis region with a visible border, brightening the hypervideo hyperlink emphasis region in relation to other portions of said hypervideo, displaying said hypervideo hyperlink emphasis region in gray scale only format, and displaying said hypervideo hyperlink emphasis region in reverse-color mode format.

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14. The method of claim 12 wherein the user selectively controls the displaying of an options menu for said at least one user selectable display attribute by positioning a user controlled cursor in a specified emphasis region of said display device screen.

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15. A computer readable program embodied on a storage media comprising program instructions for indicating the location of time dependent hypervideo hyperlink emphasis region of a hypervideo to a user, said storage media comprising:

10           program instructions for displaying a video presentation on at least a portion of a display device screen, said video presentation including a hypervideo hyperlink emphasis region; and

15           program instructions providing the user, at time of viewing said video presentation, the option of selectively viewing said hypervideo hyperlink emphasis region or not viewing said hypervideo hyperlink emphasis region.

16. The storage media of claim 15 further comprising program instructions for providing at least one of said user selectable display attribute comprising at least one of  
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17. The storage media of claim 15 further comprising program instructions for providing the user selective control of the displaying of an options menu for said at least one user selectable display attribute by positioning a user controlled cursor in a specified emphasis region of said display device screen.

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